

Release notes for ENDF/B Development dec-089_Ac_216
evaluation

ENDF
B-VII.dev

October 13, 2016

• fizcon Errors:

1. At least one gamma ray needed for given source mode
MAT=3414, MF= 8, MT=457 (1): Need gamma ray

```
ERROR(S) FOUND IN MAT=3414, MF= 8, MT=457
GAMMA RAY NEEDED, SOURCE MODE=      4
```

2. Energies released in decay not adding up!
MAT=3414, MF= 8, MT=457 (2): Bad energy sum

```
ERROR(S) FOUND IN MAT=3414, MF= 8, MT=457
PARTICLE ENERGY (AE) SUMUP FAILURE
      WHOLE= 9.22452E+06  SUM= 9.05680E+06      SEQUENCE NUMBER      2
```

3. Energies released in decay not adding up!
MAT=3414, MF= 8, MT=457 (3): Bad energy sum

```
ERROR(S) FOUND IN MAT=3414, MF= 8, MT=457
ALPHA AVERAGE ENERGY SUMUP FAILURE
      WHOLE= 9.05680E+06  SUM= 9.22779E+06
```